

January 23, 1954

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Dear Carl:

Thanks to you and Jerry for the two yeast cultures received two days ago (Your #s 15189 a and 14854⁷/₈ alpha). The latter seems to grow rather sluggishly, especially in minimal (Burkholder; Posner) medium, but may nevertheless be entirely satisfactory. Unless you have some reservation about this culture already, we will see if we can accomodate it to Madison before begging a replacement. We will be glad to send you any useful markers that may come out of our experiments.

Dr. Rubbo is very appreciative of your consideration in offering to entertain him at Carbondale (and I join him in this). He has a rather tight schedule for his brief visit, and will see whether he can possibly manage it. I am sure he would find it not only a pleasant but a profitable visit, and have so told him. He will doubtless get in touch with you himself if it can be managed.

Most of my own manipulation lately has been with *E. coli* so that I have become accustomed to using the micropipette rather than spatula. You will not be surprised that I have been having some difficulty in breaking the yeast asci with this instrument, though I think the pipette is preferable for the other job of transporting cells from one place to another. Have you been using an oil chamber—your book refers to moist chamber operations. For single cell isolations, be it *E. coli* or yeast, I think the oil has many advantages, but I would not presume to give an opinion on the ascus dissection.

Yours sincerely,

Joshua Lederberg